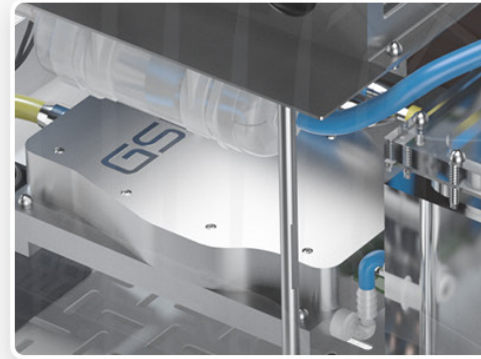


What is Fiber Coupled Diode Laser?

Fiber Coupled Diode (FCD) technology refers to micro lens array coupling the light generated by multiple diode laser into a single-core multimode fiber, transmitting the light the target place. FCD laser could work under high temperature (45°C) and high moisture, which prolongs the lifespan of laser generator significantly. This innovative design assures uniform energy distribution, low damage rate, long lifespan and easy maintenance of the diode laser.



Benefits of FCD

100 Million
Shots Super Long Lifespan

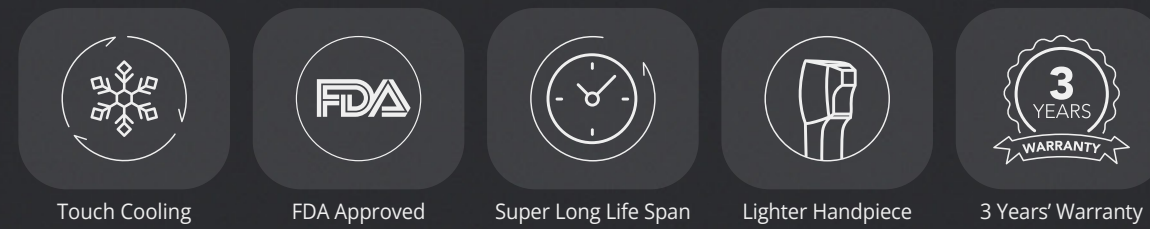
x5 Times
Longer Service Life

x4 Times
Enlarged Cooling Channel,
0 Blockage

x15 Times
Larger Space for Heat
Dissipation

0 Energy Loss
No Overheating,
Low Damage Rate

0 Laser Stack
No Risk of Burning or
Condensation to Bars



Technical Specification

Laser Type	810nm fiber diode laser
Laser Power	800W
Spot Size	10*15mm
Energy Density	1-120J/cm ²
Pulse Width	7-600ms
Frequency	1-10Hz
Cooling	<-5°C Sapphire touch cooling
Dimension	470*540*1220mm
Net Weight	40kg



Coolite Pro XL

810nm Fiber Coupled Diode Laser



Address: Building A, JUNSD Hi-Tech Park, Watch & Clock Base,
Guangming District, Shenzhen, China

Tel: +86-755-82049675 Email: info@gsd.com.cn

Website: www.gsdaesthetic.com

CE
0482

FDA

CFDA



GSD[®]
Global Skin Dermatologist

810nm Fiber Coupled Diode Laser

Coolite Pro XL is the world's 1st Fiber Coupled Diode Laser for Depilation. The FCD laser locates inside the mainframe instead of handpiece. Therefore, laser energy is transferred by fiber to the target, which greatly increases the energy efficiency and handpiece life span. Lighter handpiece make it more convenient for doctors, while powerful cooling maximizes patients' comfort.

Hair Removal is suitable for skin type I-VI for all body parts, especially friendly for dark and tanned skin.



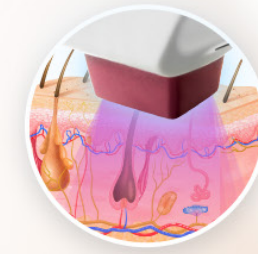
Lighter Handpiece Weighs only 210g

The new lighter handpiece is reduced by 30%, compared with the last generation, which only weighs 210g. With this user-friendly handpiece, operators can enjoy a more pleasant work experience.



3 Years Warranty, No Pulse Limitation

Coolite Pro XL offers 3 years warranty, without any limitation of pulse. This is a breakthrough of diode laser history. It is competent for heavy duty and harsh working environment. No consumables.



Uniform Energy Distribution

Fiber coupled diode laser is designed with a uniform energy distribution at a small divergence angle to ensure more gentle & effective depilation.

Coolite Fiber N°1 in Fiber Diode Laser Depilation

12+
YEARS
Expertise in Diode

15000+
INSTALLATIONS
in 60 Countries

10+
CERTIFICATES
FDA, Medical CE, CFDA, ANVISA, etc.

Diode Laser Comparison

Laser Type	Micro Channel Vertical Laser Stack	Fiber Coupled Diode Laser
Laser Beam Uniformity	Big Divergence Angle	Small Divergence Angle
Thermal Damage Possibility	High	Low
Cooling Water Temperature	<30°C	<45°C
Condensation Possibility	Extremely High	No
Maintenance Requirement	Replace Filter Every 6 Months	Replace Filter Every 1 Year
Warranty	1 Year	3 Years, Unlimited Pulse

ADVANTAGES